

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130940.D
 Acq On : 02 Nov 2022 20:35
 Operator : CG\JU
 Sample : N5395-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2-103122

Quant Time: Nov 03 03:46:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/03/2022
 Supervised By : Jagrut Upadhyay 11/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	64966	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	246620	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	115647	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	168895	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	130943	20.000	ng	-0.01
86) Perylene-d12	15.621	264	146045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	417701	111.463	ng	0.00
7) Phenol-d6	6.545	99	527684	108.359	ng	0.00
23) Nitrobenzene-d5	7.486	82	352519	86.191	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	108342	111.290	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	579452	75.753	ng	0.00
79) Terphenyl-d14	13.051	244	412459	57.721	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	7.316	107	12604	2.717	ng	87
71) Phenanthrene	11.480	178	26268	3.013	ng	99
75) Fluoranthene	12.674	202	42736	4.614	ng	97
78) Pyrene	12.910	202	38690	3.502	ng	97
81) Benzo(a)anthracene	14.098	228	20737	2.389	ng	97
83) Chrysene	14.133	228	23072	2.755	ng	98
88) Benzo(b)fluoranthene	15.168	252	33142m	3.511	ng	
90) Benzo(a)pyrene	15.551	252	22029	2.903	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

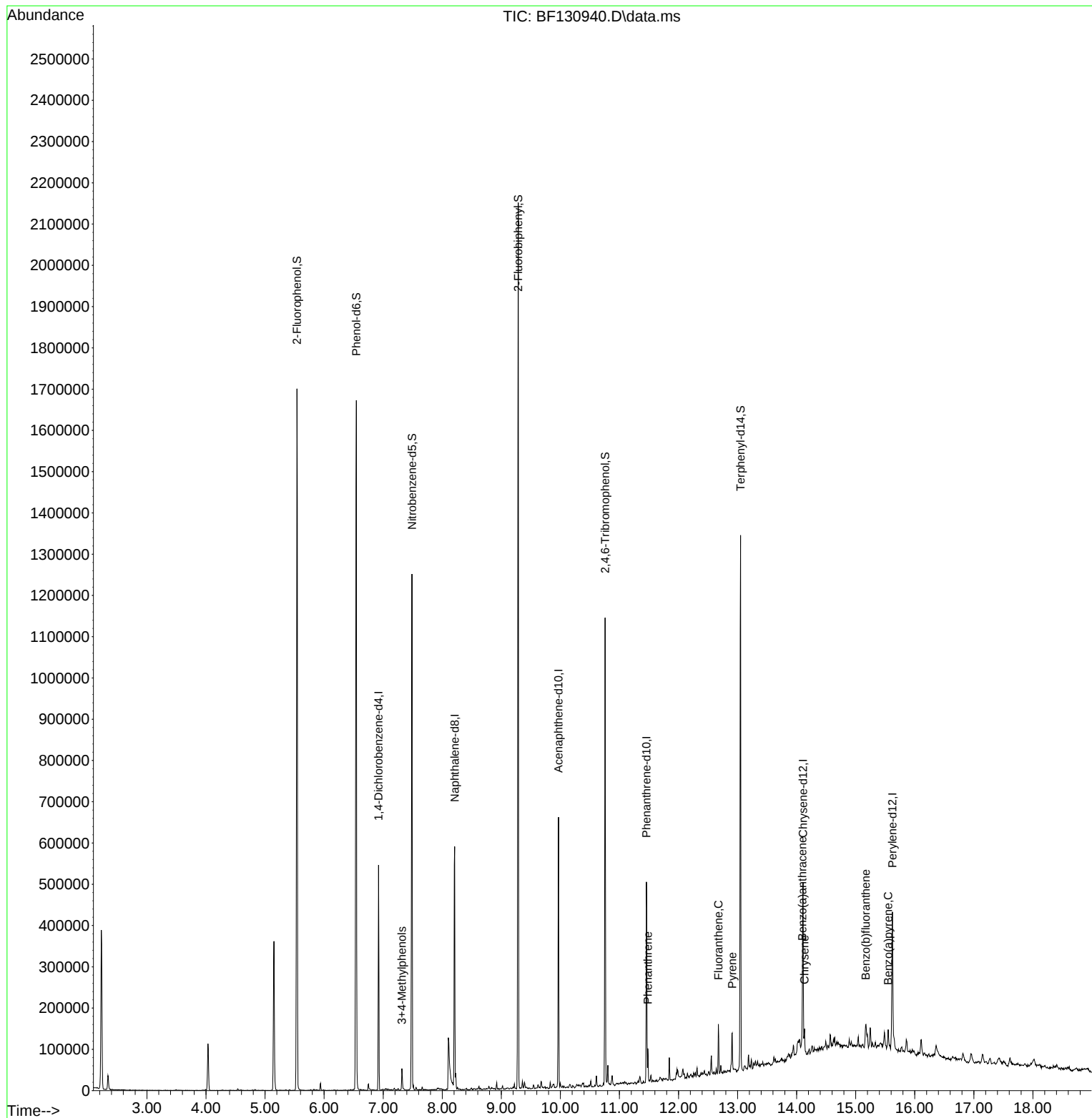
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130940.D
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APPROVED

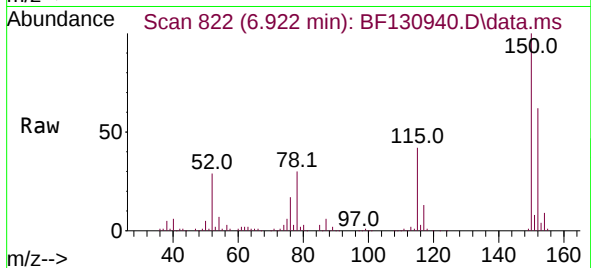
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

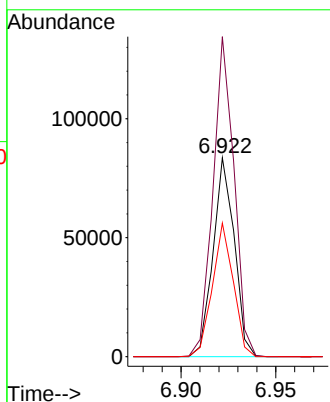
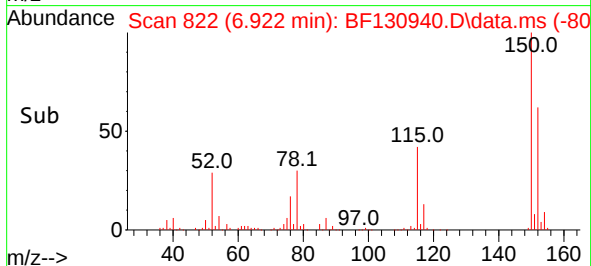
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ClientSampleId :
S-2-103122



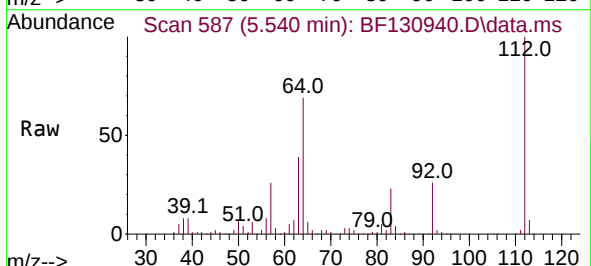
Tgt Ion:152 Resp: 64966
Ion Ratio Lower Upper
152 100
150 160.9 124.1 186.1
115 67.2 50.1 75.1

Manual Integrations
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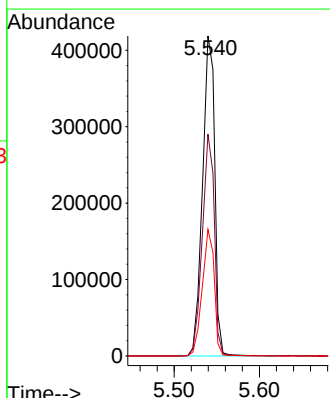
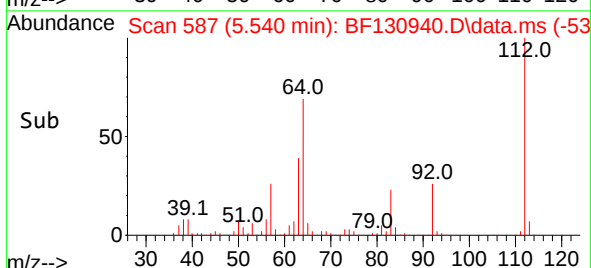
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#5
2-Fluorophenol
Concen: 111.463 ng
RT: 5.540 min Scan# 587
Delta R.T. -0.000 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35



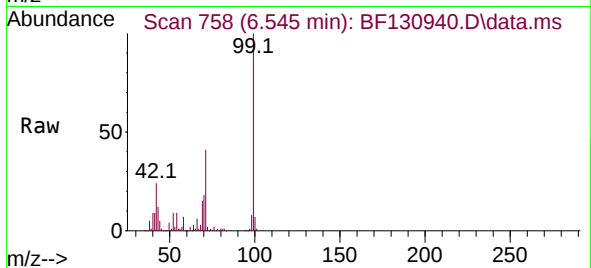
Tgt Ion:112 Resp: 417701
Ion Ratio Lower Upper
112 100
64 69.3 53.9 80.9
63 39.5 29.4 44.2





#7
Phenol-d6
Concen: 108.359 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

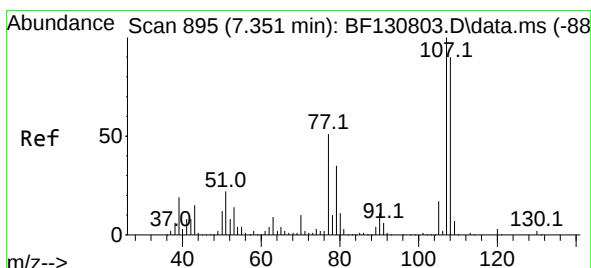
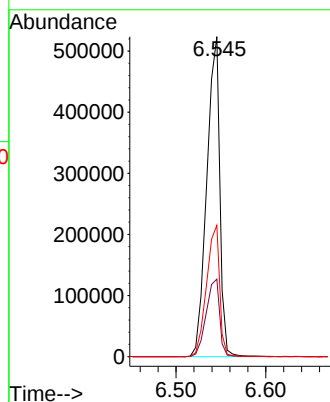
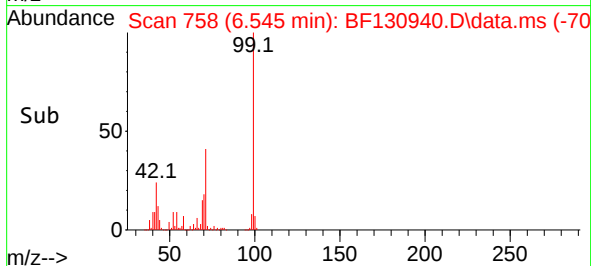
Instrument :
BNA_F
ClientSampleId :
S-2-103122



Tgt Ion: 99 Resp: 527684
Ion Ratio Lower Upper
99 100
42 24.2 18.8 28.2
71 41.0 31.4 47.0

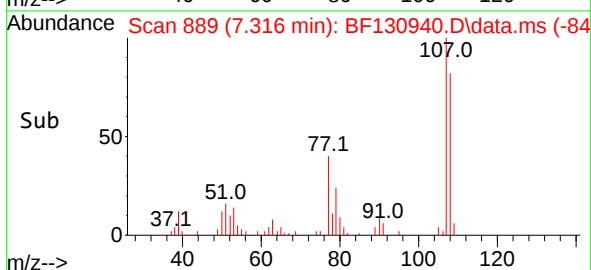
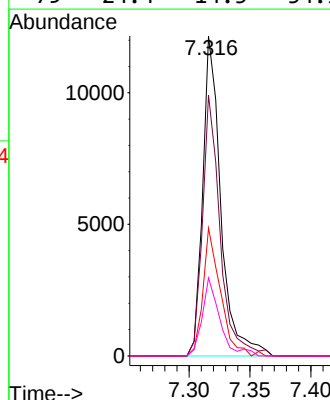
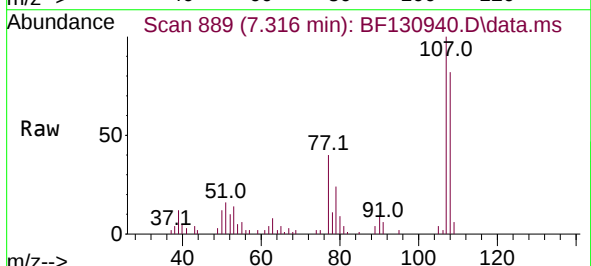
Manual Integrations
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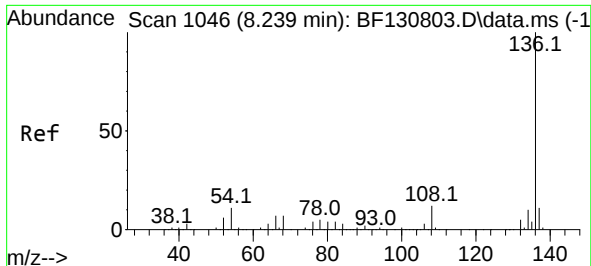
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#20
3+4-Methylphenols
Concen: 2.717 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

Tgt Ion:107 Resp: 12604
Ion Ratio Lower Upper
107 100
108 81.5 70.4 110.4
77 39.9 31.1 71.1
79 24.4 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

Instrument :

BNA_F

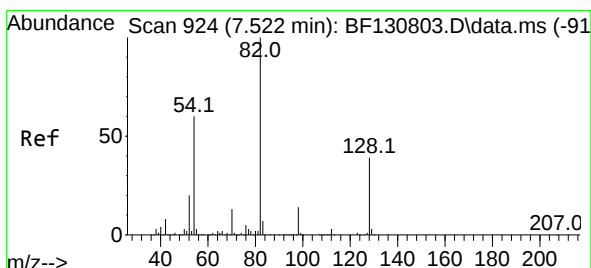
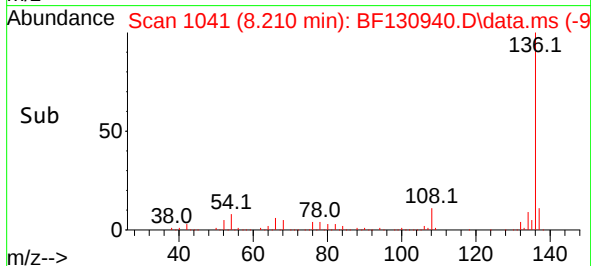
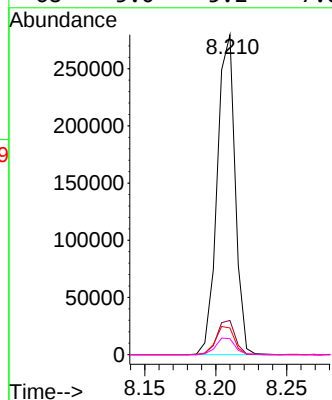
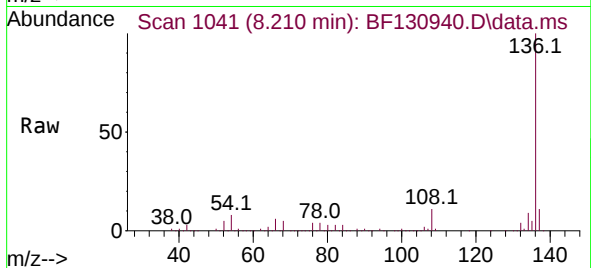
ClientSampleId :

S-2-103122

Tgt Ion:136 Resp: 246620
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.3 8.8 13.2
68 5.0 5.2 7.8

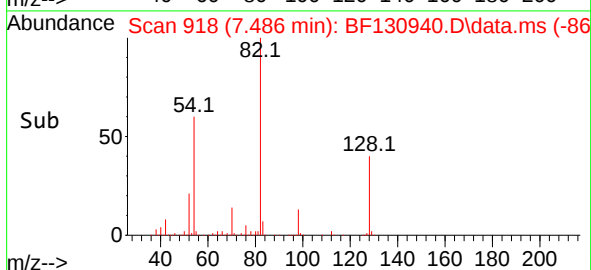
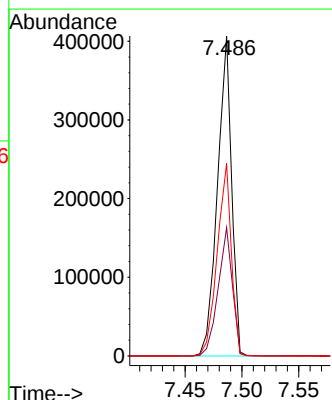
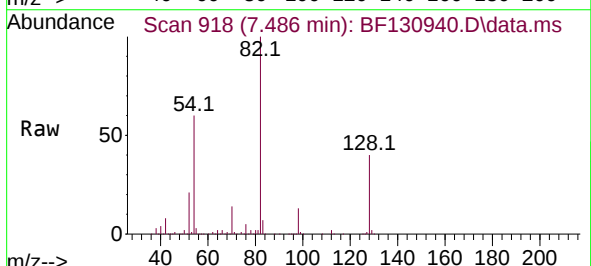
Manual Integrations
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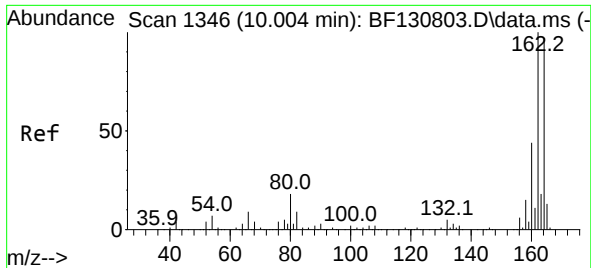
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#23
Nitrobenzene-d5
Concen: 86.191 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

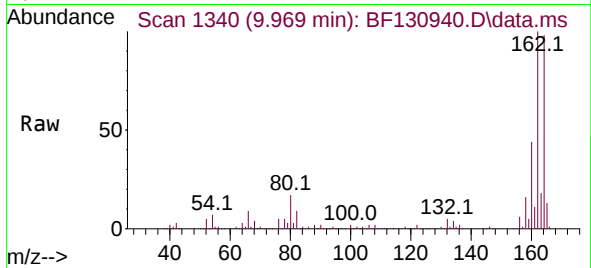
Tgt Ion: 82 Resp: 352519
Ion Ratio Lower Upper
82 100
128 40.1 31.2 46.8
54 60.1 48.0 72.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

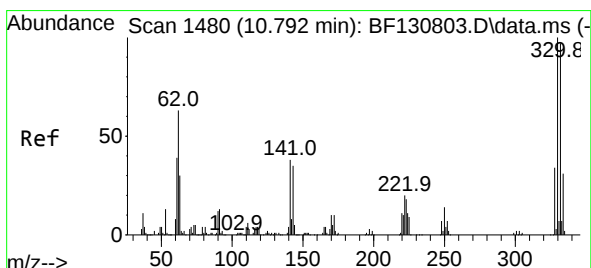
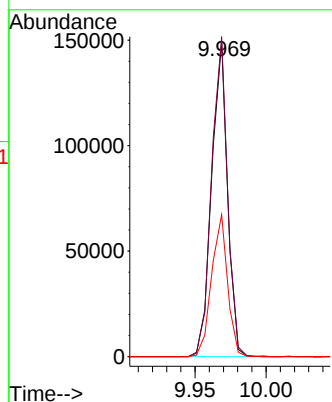
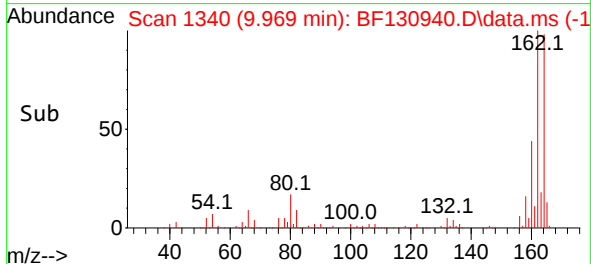
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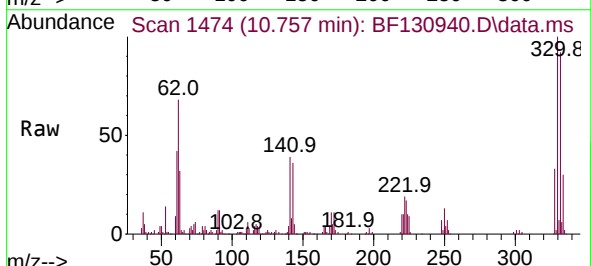
Tgt Ion:164 Resp: 115642
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 45.0 36.6 54.8

Manual Integrations
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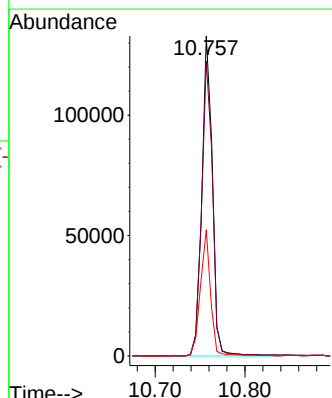
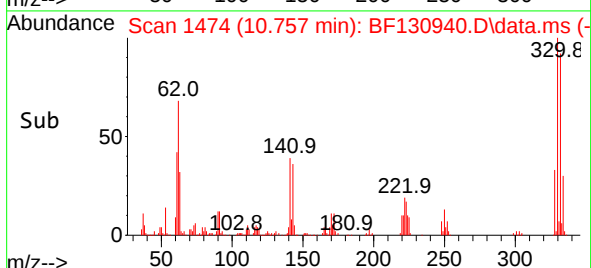
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

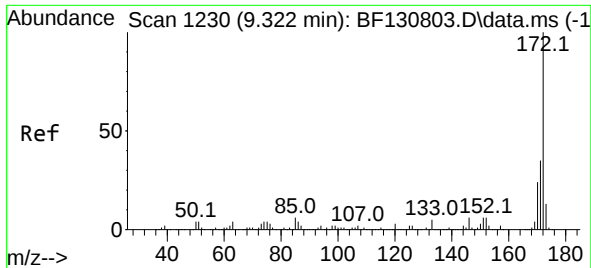


#42
2,4,6-Tribromophenol
Concen: 111.290 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35



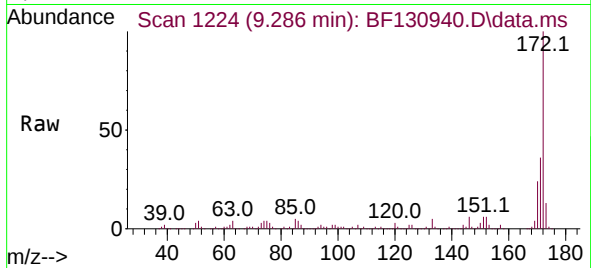
Tgt Ion:330 Resp: 108342
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 38.3 31.4 47.0





#45
2-Fluorobiphenyl
Concen: 75.753 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

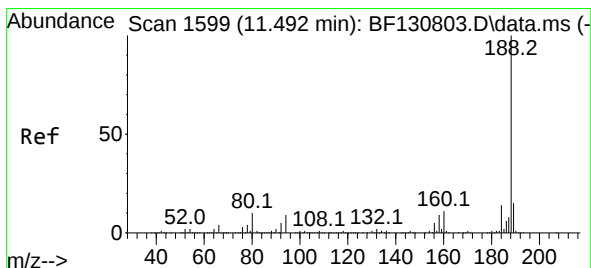
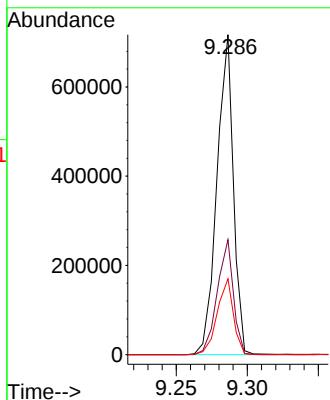
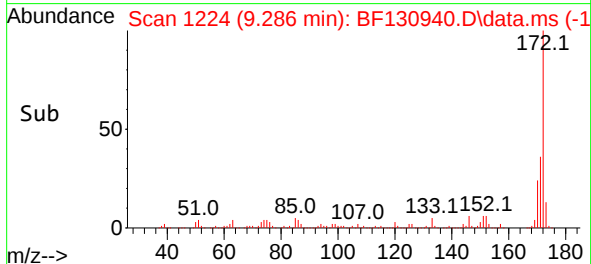
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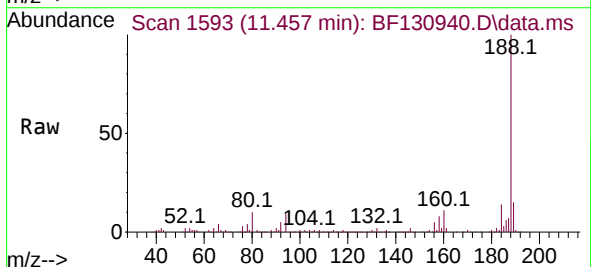
Tgt Ion:172 Resp: 579452
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 23.7 19.0 28.4

Manual Integrations
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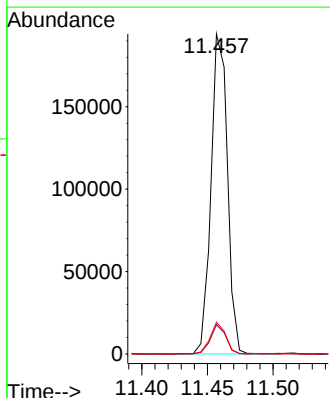
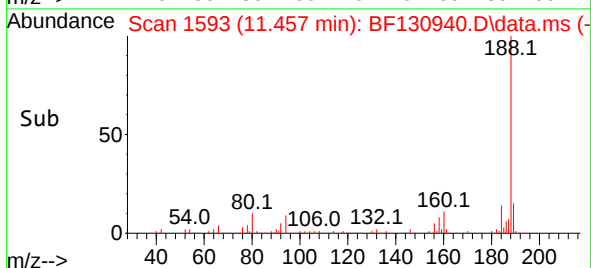
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

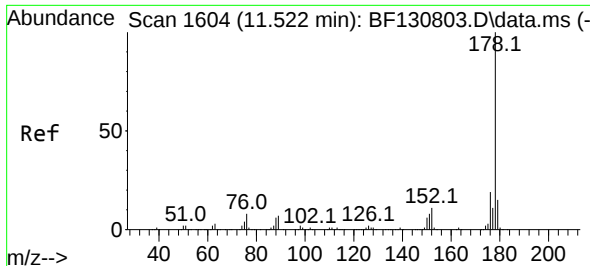


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35



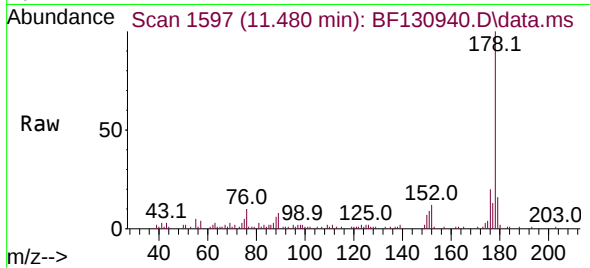
Tgt Ion:188 Resp: 168895
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.9 8.0 12.0





#71
Phenanthrene
Concen: 3.013 ng
RT: 11.480 min Scan# 11480
Delta R.T. -0.012 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

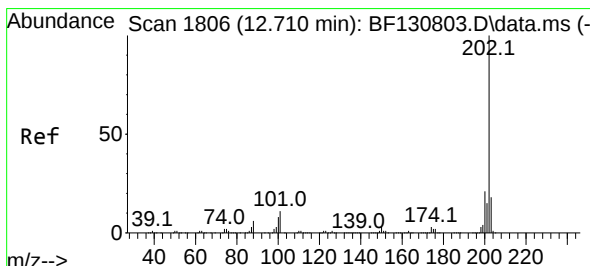
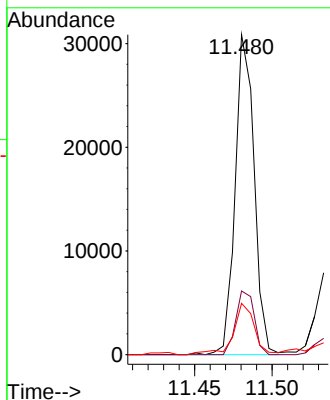
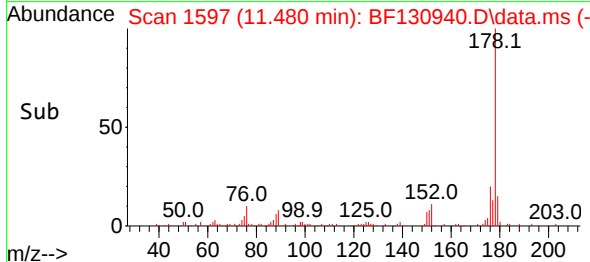
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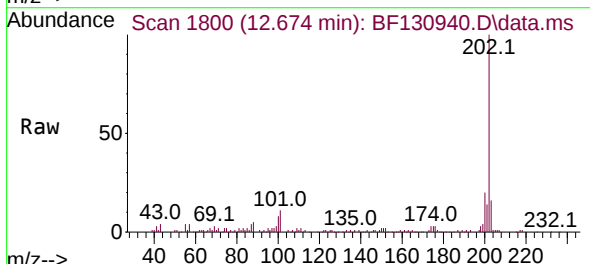
Tgt Ion:178 Resp: 26268
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.0 12.2 18.2

Manual Integrations
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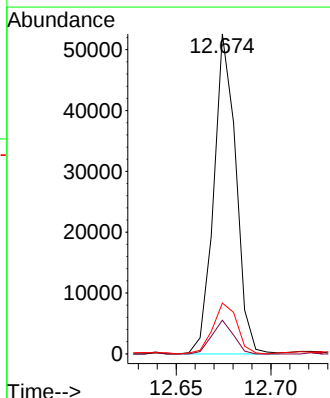
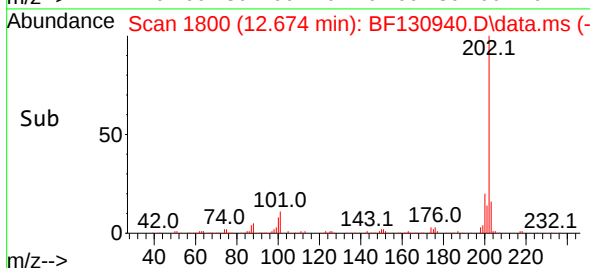
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

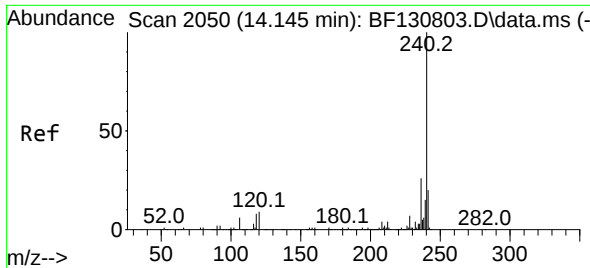


#75
Fluoranthene
Concen: 4.614 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35



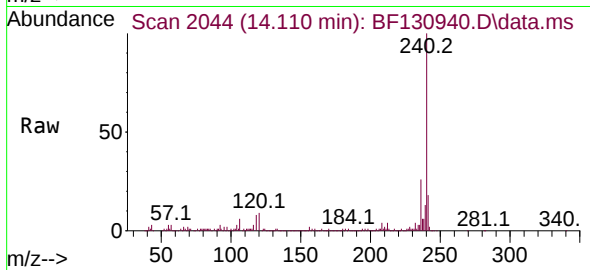
Tgt Ion:202 Resp: 42736
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.9
203 15.9 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

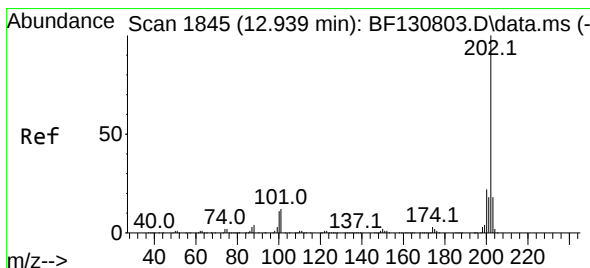
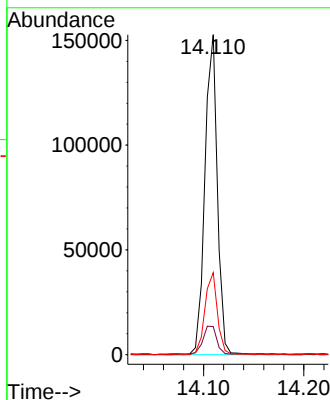
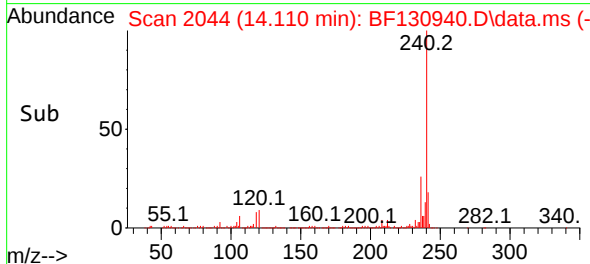
Instrument :
BNA_F
ClientSampleId :
S-2-103122



Tgt Ion:240 Resp: 130943
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 25.7 20.5 30.7

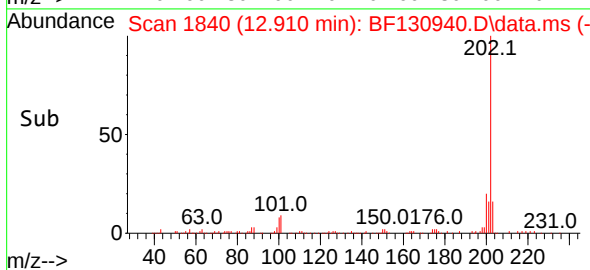
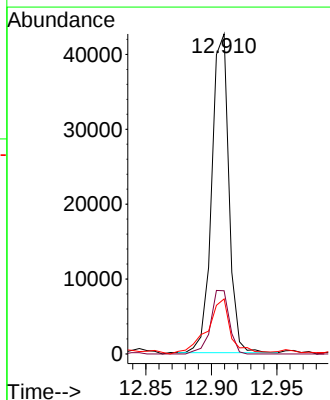
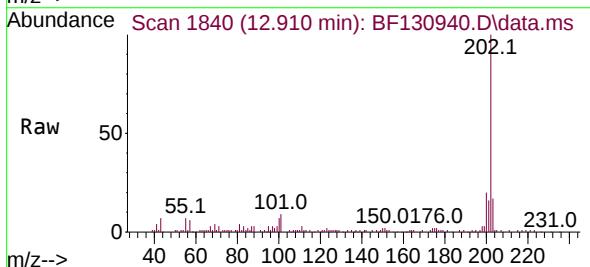
Manual Integrations
APPROVED

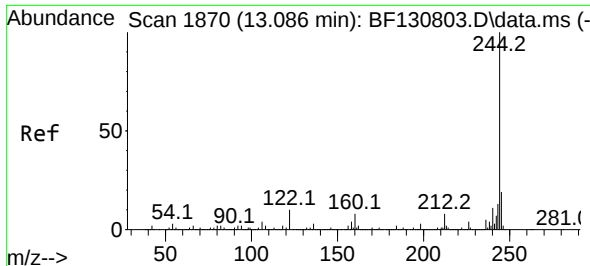
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#78
Pyrene
Concen: 3.502 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

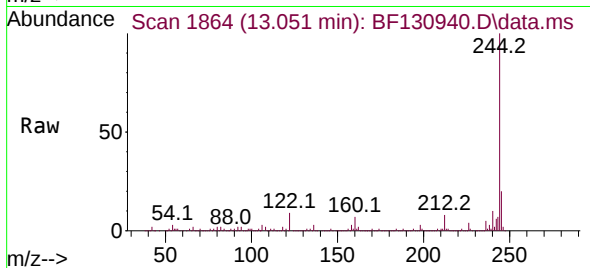
Tgt Ion:202 Resp: 38690
Ion Ratio Lower Upper
202 100
200 19.8 17.2 25.8
203 17.2 14.5 21.7





#79
Terphenyl-d14
Concen: 57.721 ng
RT: 13.051 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

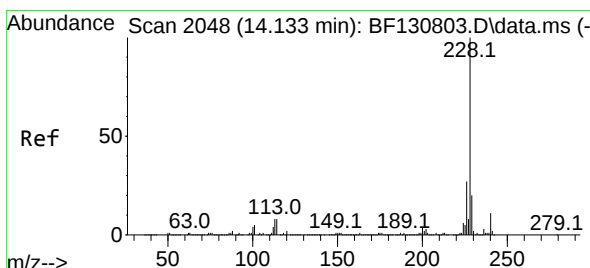
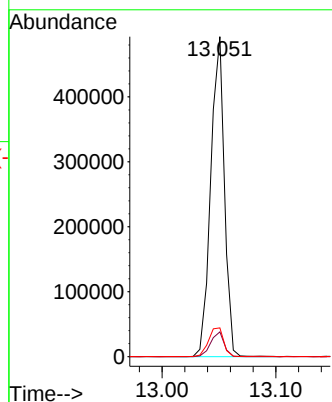
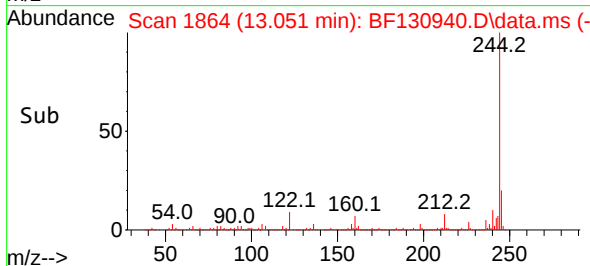
Instrument :
BNA_F
ClientSampleId :
S-2-103122



Tgt Ion:244 Resp: 412459
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 9.0 7.9 11.9

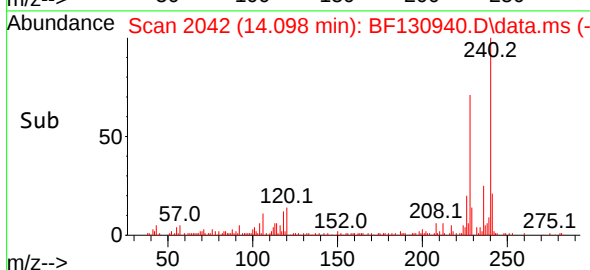
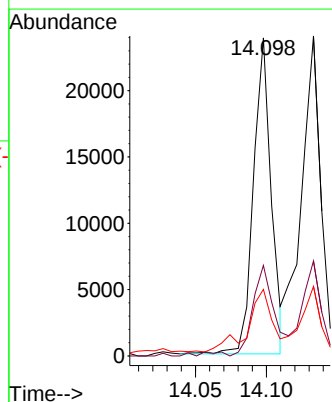
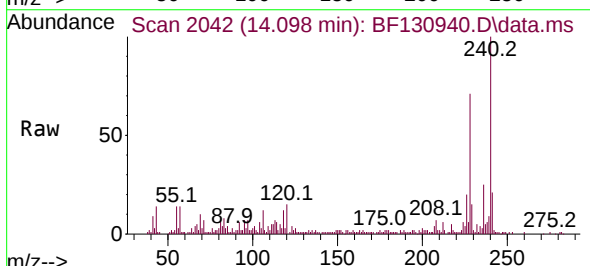
Manual Integrations
APPROVED

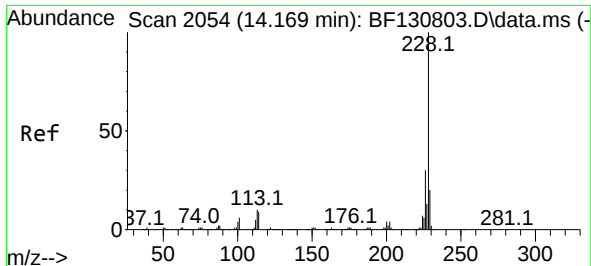
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#81
Benzo(a)anthracene
Concen: 2.389 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

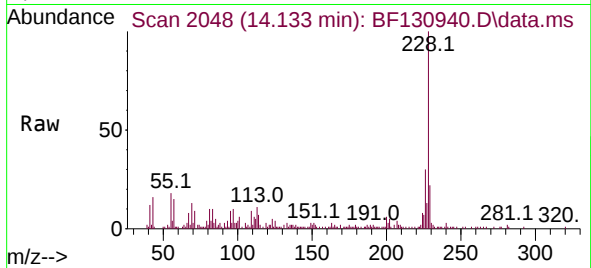
Tgt Ion:228 Resp: 20737
Ion Ratio Lower Upper
228 100
226 28.5 21.4 32.2
229 20.9 15.8 23.6





#83
Chrysene
Concen: 2.755 ng
RT: 14.133 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

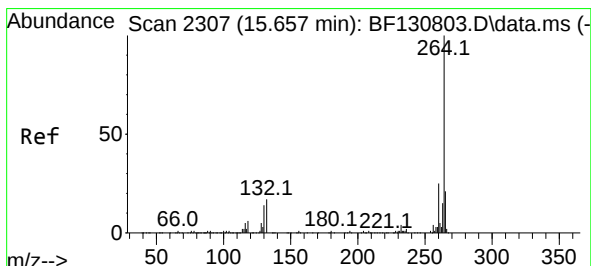
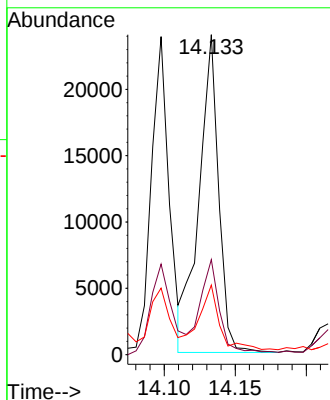
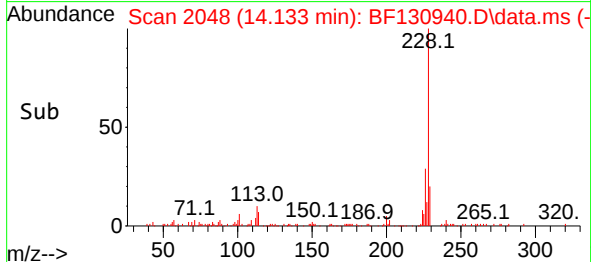
Instrument :
BNA_F
ClientSampleId :
S-2-103122



Tgt Ion:228 Resp: 23072
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 21.8 15.8 23.6

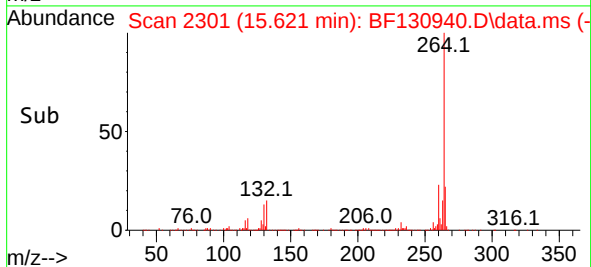
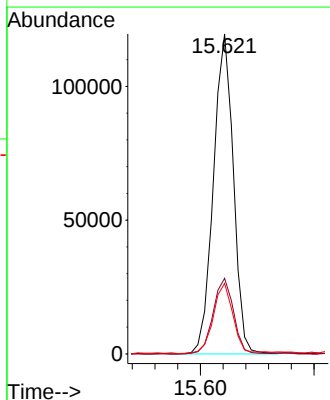
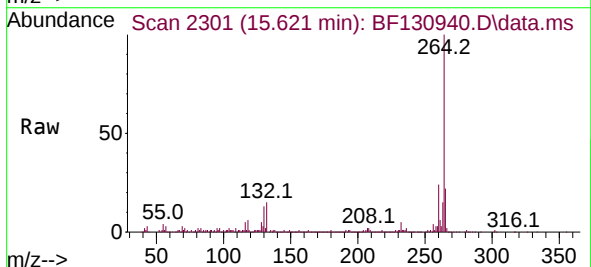
Manual Integrations
APPROVED

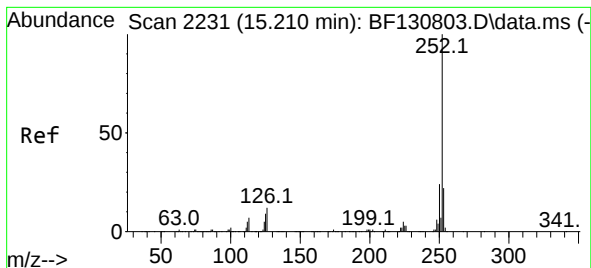
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BF130940.D
Acq: 02 Nov 2022 20:35

Tgt Ion:264 Resp: 146045
Ion Ratio Lower Upper
264 100
260 23.6 19.9 29.9
265 22.0 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 3.511 ng m

RT: 15.168 min Scan# 2231

Delta R.T. -0.012 min

Lab File: BF130940.D

Acq: 02 Nov 2022 20:35

Instrument :

BNA_F

ClientSampleId :

S-2-103122

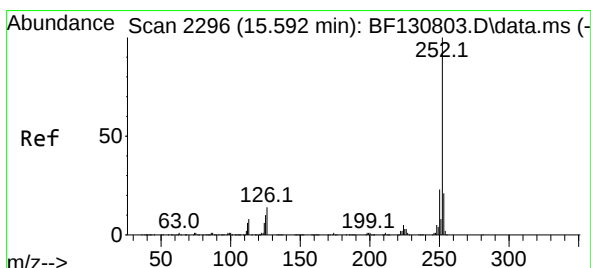
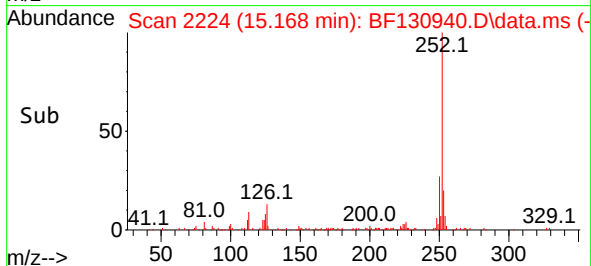
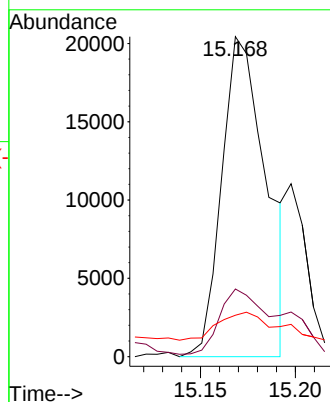
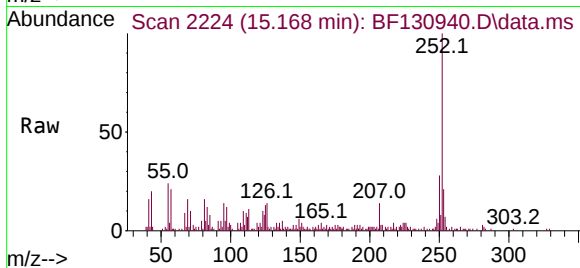
Tgt Ion:252 Resp: 33142
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.5 26.3
 125 12.9 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/03/2022

Supervised By :Jagrut Upadhyay 11/03/2022



#90

Benzo(a)pyrene

Concen: 2.903 ng

RT: 15.551 min Scan# 2289

Delta R.T. -0.018 min

Lab File: BF130940.D

Acq: 02 Nov 2022 20:35

Tgt Ion:252 Resp: 22029
 Ion Ratio Lower Upper
 252 100
 253 24.9 16.8 25.2
 125 14.7 8.3 12.5

